



# Non-Viable Spore Trap Analysis Report

Environmental Hazards Services, L.L.C.  
7469 Whitepine Rd  
Richmond, VA 23237

Telephone: 800.347.4010

**Client:** HT of Beaumont  
6550 Concord Road  
Beaumont, TX 77708

**Report Number:** 23-10-01478

**Received Date:** 10/10/2023

**Analyzed Date:** 10/13/2023

**Reported Date:** 10/13/2023

**Project/Test Address:** 6900 Hansen Blvd.; Groves, TX 77619

**Client Number:**

107018

## Laboratory Results

**Fax Number:**

409-838-5464

Lab # :	23-10-01478-001	23-10-01478-002								
<b>Client Sample ID :</b>	1	2								
<b>Date Collected :</b>	10/6/2023	10/6/2023								
<b>Collection Location :</b>	EXTERIOR	INTERIOR								
<b>Sampling Media :</b>	BioSIS	BioSIS								
<b>Analytical Sensitivity (spores/m3) :</b>	13.3	13.3								
<b>Volume (L) :</b>	75	75								
Spore ID	Raw Count	Results (Spores/m3)	Raw Count	Results (Spores/m3)	Raw Count	Results (Spores/m3)	Raw Count	Results (Spores/m3)	Raw Count	Results (Spores/m3)
Cladosporium spores	615	8200	191	2500						
Penicillium/Aspergillus group spores	106	1400	207	11000						
Alternaria spores	3	40								
Drechslera/Bipolaris group spores	5	67								
Pyricularia spores	48	640	26	350						
Curvularia spores	21	280								
Epicoccum spores	4	53	2	27						
Pestalotia spores	2	27								
Cercospora spores	7	93								
Nigrospora spores			5	67						
Fusarium spores	20	270								
smuts, Periconia, myxomycetes	5	67	1	13						
<b>TOTAL SPORES(Spores/m3)</b>		<b>11000</b>		<b>14000</b>						

**Analyst:**

Kitana Usher

Kitana Usher

# Environmental Hazards Services, L.L.C

**Client Number:** 107018

**Report Number:** 23-10-01478

**Project/Test Address:** 6900 Hansen Blvd.; Groves, TX 77619

## **Sample Narratives:**

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(Sample 002) M08: Due to the high number of Penicillium/Aspergillus spores, a partial trace was analyzed for these spores. The analytical sensitivity for these spores on this sample is 53 spores/m3.

**Method:** Non-Culturable Spore Trap Examination

Reviewed By Authorized Signatory:



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*Kitana Usher*  
Microbiology Lab Analyst

The condition of the samples analyzed was acceptable upon receipt per laboratory protocol unless otherwise noted on this report. Results represent the analysis of samples submitted by the client. Sample location, description, volume, etc., was provided by the client. The Client is hereby notified that due to the subjective nature of fungal analysis and the growth process of fungal infestation, laboratory samples can and do change over time relative to the originally sampled material. This report shall not be reproduced except in full, without the written consent of Environmental Hazards Services, L.L.C.



# Air Report Summary

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7469 Whitepine Rd  
Richmond, VA 23237  
Telephone: 800.347.4010

**Project/Test Address:** 6900 Hansen Blvd.; Groves, TX 77619  
**Client Number:** 107018  
**Report Number:** 23-10-01478

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Sample Number	Location	Sample Type	Unusual Mold Condition(s) Exist
23-10-01478-002	INTERIOR	Mold Air	Yes

### Unusual Mold Condition(s) Explanation

Yes One or more of the samples in the table above indicate the presence of elevated indoor mold spores or colonies for these specific locations only. Professional advice will be necessary to determine the appropriate actions to take to correct the conditions indicated. The information in your report and this summary may be used by an Industrial Hygienist or an Indoor Air Quality professional to assist in the determination of necessary actions.

The recommendations found in this summary are based on accepted industry standards develop by the American Conference of Governmental Industrial Hygienists (ACGIH), the EPA, and the New York City Department of Health.<sup>1</sup>

For further information, please visit our website at [www.leadlab.com](http://www.leadlab.com)

<sup>1</sup>Reference material includes the ACGIH publication : "Bioaerosols: Assessment and Control", the EPA publication: " Mold Remediation in Schools and Commercial Buildings", and the New York Department of Health publication: "Guidelines on Assessment and Remediation of Fungi in Indoor Environments"

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# Mold Spore Descriptions

Environmental Hazards Services, L.L.C.

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Richmond, VA 23237

Telephone: 800.347.4010

**Project/Test Address:** 6900 Hansen Blvd.; Groves, TX 77619

**Client Number:** 107018

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Section 2: The following fungal descriptions are pertinent to the indoor samples collected. General characterization of mold is made with respect to their most common impact to human health. Many genera of molds have species with varying characteristics.

Spore Name	Description
Cladosporium spores	Reported to be allergenic. Most commonly identified spore in outdoor samples. Highly seasonal. Indoor species may differ from outdoor species. Typically found inside supply ducts.
Penicillium/Aspergillus group spores	Reported to be allergenic. Many species have been documented to produce mycotoxins, which may be associated with pulmonary disease in humans and other animals. Research studies have implicated several of these toxins as carcinogens in laboratory animals following inhalation. A wide number of organisms have been grouped into these two genera. Extremely difficult to identify down to species level. Typically identified in soil, cellulose, food, paint, compost piles, carpeting, wallpaper and in the fiberglass insulation used in interior ductwork.
Alternaria spores	Reported to be allergenic. Commonly found growing in carpets and on indoor textiles. This fungi has been indicated as a potential cause of hypersensitivity pneumonitis. Rare species known to produce tenuazonic acid and other toxic metabolites that may cause disease in humans.
Drechslera/Bipolaris group spores	Toxigenic. Also recognized as an allergen. Under certain conditions, this fungi has been documented to produce the mycotoxin, sterigmatocystin. Studies have indicated that this toxin may cause damage to the liver and kidneys in laboratory animals.
Pyricularia spores	No information regarding the health effects of this genus is available at this time. All mold should be treated as potential allergens.
Curvularia spores	Reported to be allergenic. No additional health data for this genus is available at this time.
Epicoecum spores	Reported to be allergenic. Commonly found on plants, textiles and products made of paper.
Pestalotia spores	No information regarding the health effects of this genus is available at this time. All mold should be treated as potential allergens.
Cercospora spores	No information regarding the health effects of this genus is available at this time. All molds should be treated as potential allergens.
Nigrospora spores	Reported to be allergenic. No additional health data for this genus is available at this time.
Fusarium spores	Toxigenic. Also recognized as an allergen. Certain species of Fusarium may produce the mycotoxin, trichothecene, under appropriate conditions, which has been documented to cause problems associated with the circulatory, alimentary, skin and nervous systems. Absorption of trichothecene into the tissues of the human lung may cause a condition known as pneumomycosis. Symptoms may appear following exposure from either inhalation or ingestion. Rarely connected to infections of the eye, skin and nails.
smuts, Periconia, myxomycetes	Reported to be allergenic. This class of fungal spores is most often related to agriculture and plant disease and is rarely found indoors.

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Spore Name	Description
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# Non-Viable Surface/Bulk Analysis Report

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7469 Whitepine Rd  
Richmond, VA 23237

Telephone: 800.347.4010

**Client:** HT of Beaumont  
6550 Concord Road  
Beaumont, TX 77708

**Report Number:** 23-10-01478

**Received Date:** 10/10/2023

**Analyzed Date:** 10/13/2023

**Reported Date:** 10/13/2023

**Project/Test Address:** 6900 Hansen Blvd.; Groves, TX 77619

**Client Number:**

107018

**Fax Number:**

409-838-5464

## Laboratory Results

<b>Lab # :</b>	23-10-01478-003	<b>Collection Location:</b>	UTILITY ROOM DOOR
<b>Client Sample ID :</b>	Swab 3	<b>Date Analyzed:</b>	10/13/2023
<b>Date Collected :</b>	10/6/2023	<b>Analyst:</b>	Felicia Butler

Moderate	Rhizopus -like Spores
Moderate to Numerous	Penicillium/Aspergillus group spores and hyphal elements
Occasional to Few	ascospores
Few	protozoans*
Occasional	Cladosporium spores

**Note:**

<b>Lab # :</b>	23-10-01478-004	<b>Collection Location:</b>	IN BATH TRAP
<b>Client Sample ID :</b>	Swab 4	<b>Date Analyzed:</b>	10/13/2023
<b>Date Collected :</b>	10/6/2023	<b>Analyst:</b>	Felicia Butler

Moderate to Numerous	yeast cells* and pseudohyphae
Moderate	Penicillium/Aspergillus group spores and hyphal elements
Occasional	Aspergillus conidiophores and hyphal elements

**Note:**

Quantification Key:

Numerous:	Several spores seen in every field
Moderate:	At least 1 spore seen in 5 fields
Few:	Over 5 spores seen per cover slip, but less than 1 spore seen in 5 fields
Occasional:	1-5 spores seen per a cover slip

# Environmental Hazards Services, L.L.C

**Client Number:** 107018

**Report Number:** 23-10-01478

**Project/Test Address:** 6900 Hansen Blvd.; Groves, TX 77619

**Method:** Direct Microscopic Exam

Reviewed By Authorized Signatory:



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*Kitana Usher*

Microbiology Lab Analyst

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# Swab/Bulk Report Summary

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Sample Number	Location	Sample Type	Unusual Mold Condition(s) Exist
23-10-01478-003	UTILITY ROOM DOOR	Mold Swab	Yes
23-10-01478-004	IN BATH TRAP	Mold Swab	Yes

### Unusual Mold Condition(s) Explanation

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ascospores	Reported to be allergenic. Plant pathogens that are ubiquitous in nature, their spores are typically discharged during times of rain or elevated humidity. Most commonly found in outdoor samples.
protozoans*	Not a fungal organism, but may indicate excessive moisture and possible geographical influence.
Aspergillus conidiophores	Reported to be allergenic. Indicative of active fungal growth and/or colonization. Health effects are specific to the species.
Rhizopus spores	Reported to be allergenic. May cause mucorosis in individuals with immune compromised systems.
yeast cells* and pseudohyphae	Reported to be allergenic. Various yeasts are identified in air samples and the degree to which they may be considered allergenic is dependent on the species of yeast.

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# ENVIRONMENTAL HAZARDS SERVICES, LLC

## Mold Chain of Custody Form

Page \_\_\_ of \_\_\_

Company Name	Hometeam Inspection Service		Account #	107018	
Company Address	6550 Concord Rd		City/State/Zip	Beaumont, Texas 77706	
Phone	(409) - 838 - 5440		Email	ccarr@hometeam.com	
Project / Testing Address	6900 Hansen Blvd Groves TX 77619				
PO Number	15125	Collected By	Curtis Carr		
Collection Date & Time	10-6-23 1:30 PM	Outside Air Temp	82	Indoor Air Temp	96
Was there any precipitation (rain, sleet or snow) 2 hours or less before taking the samples?				<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Turn-Around Time	<input type="radio"/> 5 Day <input type="radio"/> 3 Day <input type="radio"/> 2 Day <input type="radio"/> 1 Day <input type="radio"/> Same Day / Weekend - Must Call Ahead				

SAMPLE TYPE CODES

AIR/ NON VIABLE		SPORE TRAP		SWAB SAMPLE SURFACE	
Bulk	B	Air-O-Cell	AOC	Non Porous	NP
Swab	S	Cyclax D	C	Semi Porous	SP
Bio-Tape	T	BioSiS	B	Porous	P
Wall Check	W	Micro 5	M5		

LAB NUMBER	Client Sample ID	Collection Location	Sample Type	Air Samples		Swab Samples		Qualitative Particulate Analysis Additional \$10.00 per sample	Comments
				Spore Trap Type	Air Volume (Total Liter)	Surface Type (NP/SP)	Area of Mold (Square Feet)		
1	B	Exterior	<input checked="" type="checkbox"/>	B	75	<input checked="" type="checkbox"/>			
2	B	Interior	<input checked="" type="checkbox"/>	B	75	<input checked="" type="checkbox"/>			
3	S	Utility Room door	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>			
4	S	in Bath Trap	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>			
5			<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>			
6			<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>			
7			<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>			
8			<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>			
9			<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>			
10			<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>			
11			<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>			
12			<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>			
13			<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>			

Released By:	Curtis Carr	Date:	10-6-23	Time:	1:30 PM
Signature:	<i>Curtis Carr</i>				


LAB USE ONLY - BELOW THIS LINE

Received By: *HHumphrey*  
 Signature: *HP*

Date: 10, 10, 23 Time: 1 : 17  AM  PM

Portal Contact Added

23-10-01478



Due Date:  
10/13/2023  
(Friday)  
AE